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have taken place in the climates and waters of the earth, by the gradual influences of the precession of the equinoxes and the perihelion position, during the astronomical course under which the sun and earth have been related to each other.

In the course of the essay, references are made largely to the geological authorities.

Professor Bache, on behalf of Dr. John Locke of Cincinnati, communicated the results of four magnetic tours in the United States and Territories. Dr. Locke proposes to communicate the details of his observations at a future day.

The Treasurer submitted his annual account; and Mr. Lea presented the Report of the Publication Committee.

Dr. Patterson, from the Committee on the erection of an Observatory, and the Committee on the Museum property, reported finally; and on his motion, the Committees were discharged.

Stated Meeting, Dec. 15.

Present twenty-four members.

Dr. BACHE, Vice-President, in the Chair.

Letters were received and read:—

From the Secretary of the Society of Antiquaries, dated London, Nov. 17, 1843, acknowledging the receipt of the Transactions and Proceedings:—and

From Mr. W. P. Smith, dated Dec. 15, 1843, in reference to certain taxes on the Museum property.

The letter of Mr. Smith was referred to the Finance Committee, to report thereon.

The following donations were announced:—

FOR THE LIBRARY.

The Medical News and Library. Vol. I. No. 2. December, 1843. 8vo.—*From Lea & Blanchard.*

Introductory Lecture before the Medical Class of the University of Pennsylvania, delivered November 9th, 1843. By W. E. Horner, M.D. 8vo.—*From the Author.*

Notice of some Works, recently published, on the Nomenclature of Zoology. By Augustus A. Gould, M.D. From Silliman's Journal of Science for April. June, 1843. 8vo.—*From the Author.*

Monograph of the Species of the Genus *Papa* found in the United States. By Augustus A. Gould, M.D. Extracted from the Boston Journal of Natural History, Vol. III. and Vol. IV. 8vo.—*From the same.*

An Essay on Organic Remains, as connected with an Ancient Tropical Region of the Earth. By Thomas Gilpin. Philadelphia, 1843. 8vo.—*From the Author.*

In pursuance of recommendations from the Committee of Finance, the following appropriations were made for the use of the coming year, viz.—

Proceedings,	-	-	-	\$300
Binding,	-	-	-	200
Hall,	-	-	-	100
Journals,	-	-	-	200
General account,	-	-	-	700

Dr. Hays mentioned that Mr. Whipple, of Missouri, is desirous of disposing of a large collection of the bones of the *Tetracaulodon*, now in this city; and he invited the members to unite with him in making the purchase for the Society's Museum.

Mr. Ord drew the attention of the Society to the fact, that the late Mr. Hassler was in possession of certain instruments loaned to him by Mr. Vaughan, which, by the will of Mr. Vaughan, had become the property of the Society: and the Curators were instructed to take measures for replacing them in the Society's Cabinet.

Mr. Ord also mentioned, that he had found, among the papers of the Society, a receipt from Mr. Gallatin for certain maps, lent to him by the Society to be used in the negotiations respecting the N. E. boundary of the United States: and the Librarian was instructed to take measures for recovering the maps referred to.